



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday August 12, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Excessive heat for portions of TX/OK/NM today expanding into portions of LA tomorrow and Friday.**
- **Isolated heavy rainfall and flash flooding today across AR into NE TX/N LA and for N OK.**
- **Isolated strong to severe storms today for portions of N OK.**
- **Tropical Depression Eleven has formed in the Tropical Atlantic and is forecast to become Tropical Storm Josephine by tonight.**
 - **No impacts to FEMA 6 in the next 5 days.**

FEMA Region 6 Threat Matrix

Aug 12, 2020 - Aug 16, 2020



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DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	N OK				
Heavy Rain / Flash Flooding	AR/NE TX/N LA N OK				
Fire Weather					
Tropical Winds / Surge					
Heat	TX/OK/NM	TX/OK/NM/LA	TX/OK/NM/LA		
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slide for more information



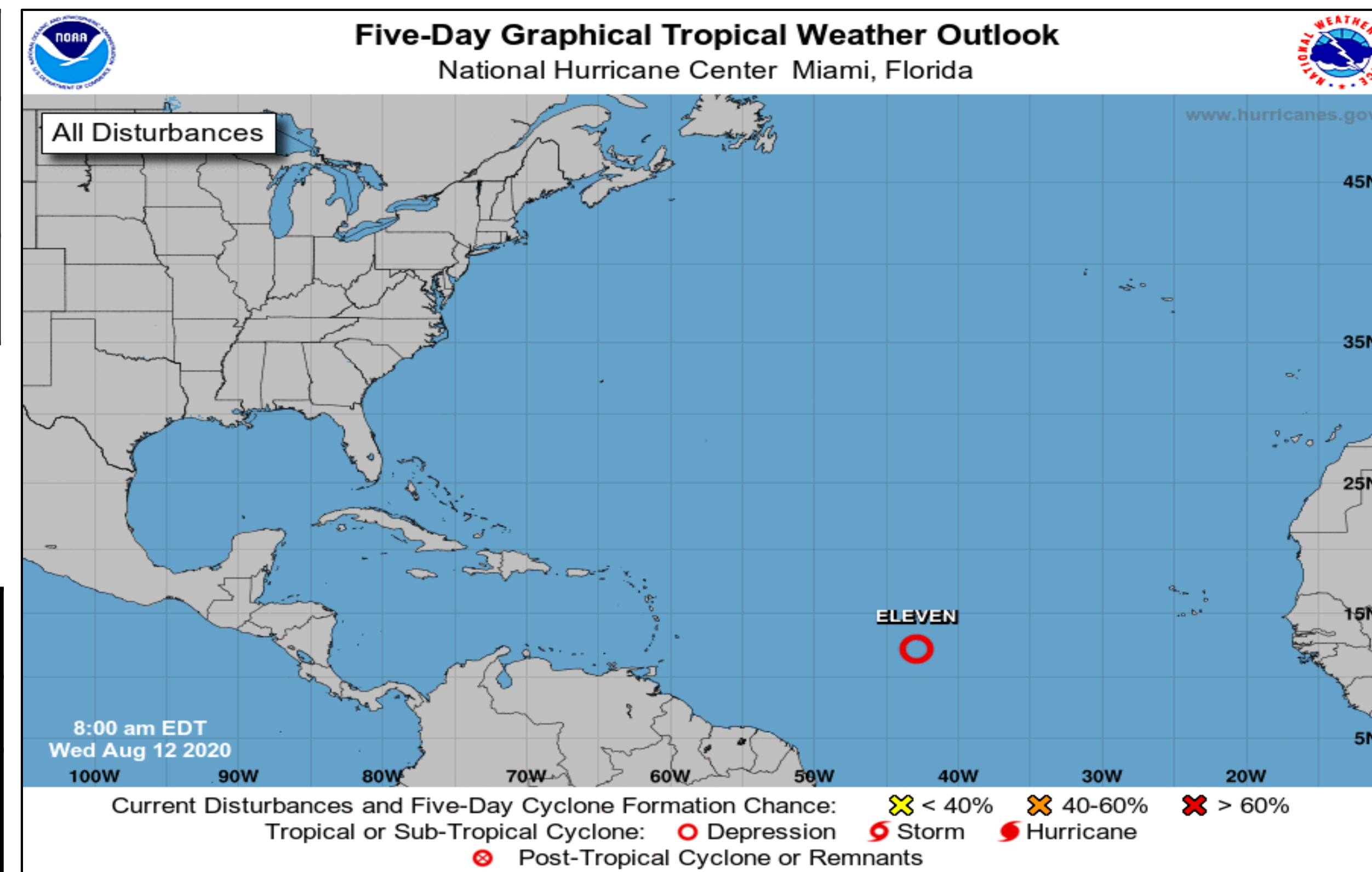
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

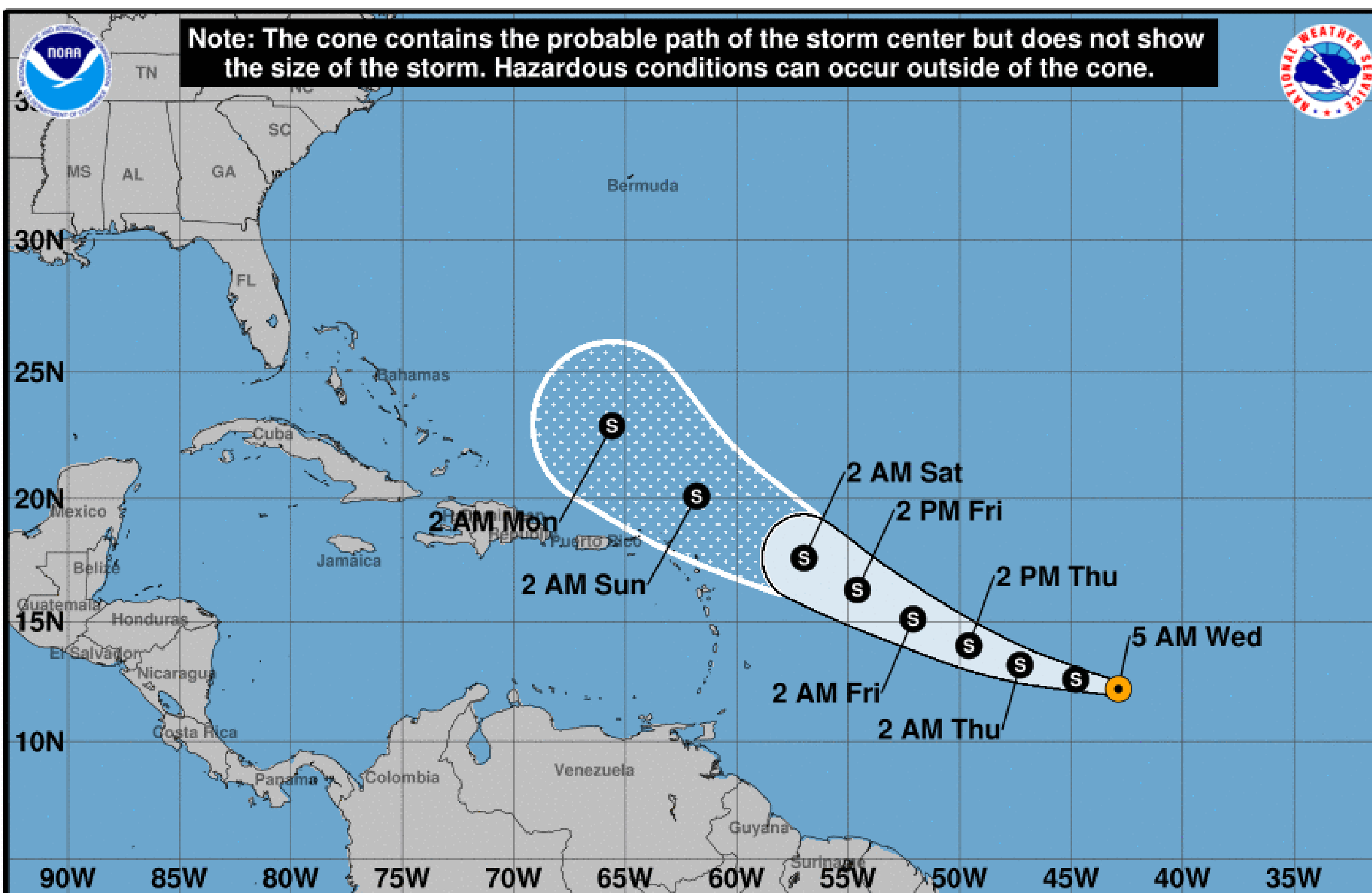
Storm	Potential Impacts to FEMA 6
TD11	None in the next 5 days.



Tropical Depression Eleven



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Tropical Depression Eleven
Wednesday August 12, 2020
5 AM AST Advisory 3
NWS National Hurricane Center

Current information: ●
Center location 12.2 N 42.9 W
Maximum sustained wind 35 mph
Movement W at 15 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:
Day 1-3 Day 4-5

Watches:
Hurricane Trop Storm

Warnings:
Hurricane Trop Storm

- Tropical Depression Eleven is expected to become Tropical Storm Josephine by tonight.
- No impacts to FEMA Region 6 in the next 5 days.
- It is too early to determine what, if any, impacts there will be to FEMA Region 6 beyond 5 days.
- However, impacts to FEMA Region 6 beyond 5 days look unlikely ... the majority of the model guidance has Josephine (or its remnants if it weakens) turning northward and northeastward beyond 5 days and remaining out in the Atlantic.

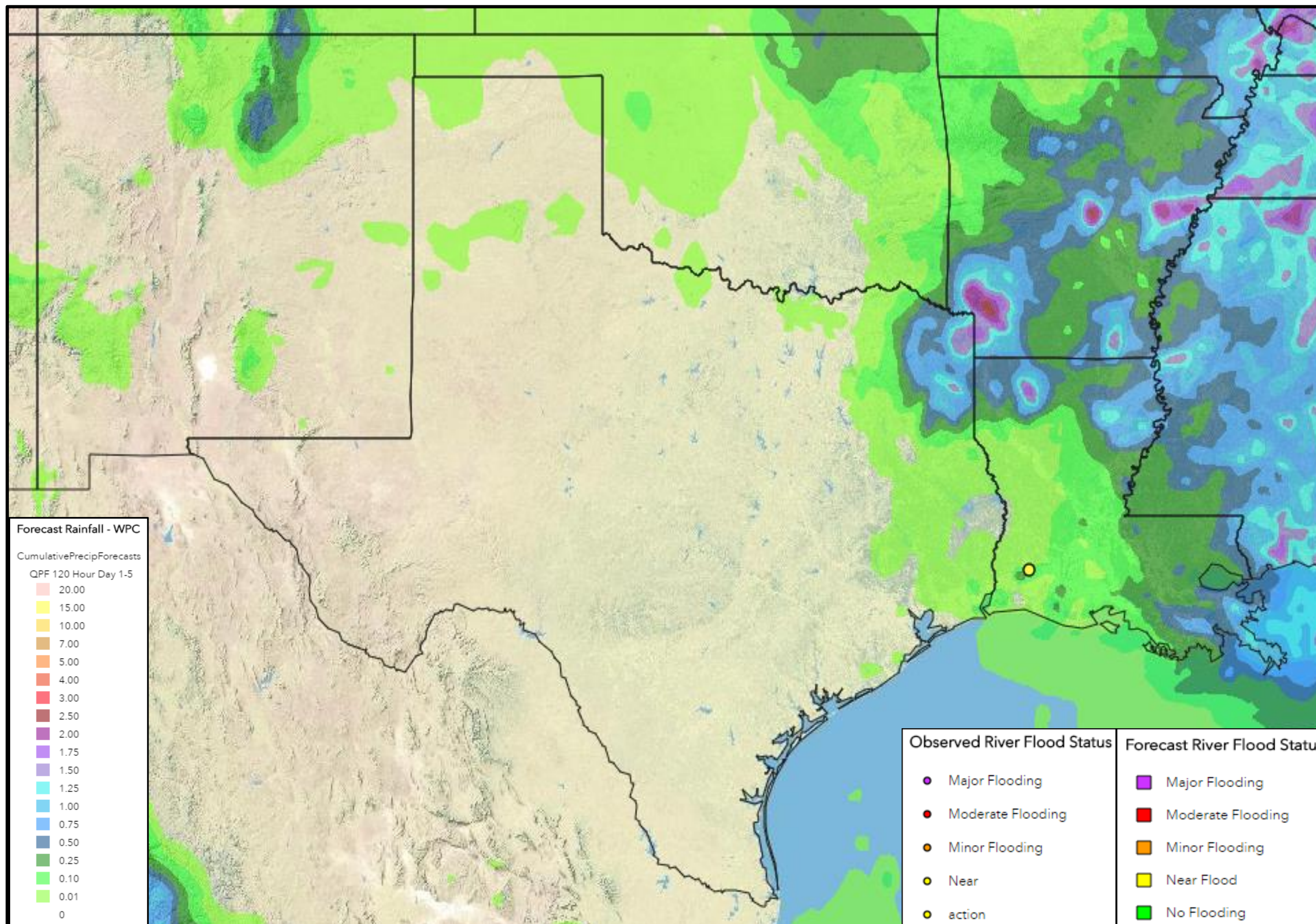
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

No river flooding is observed or forecast.

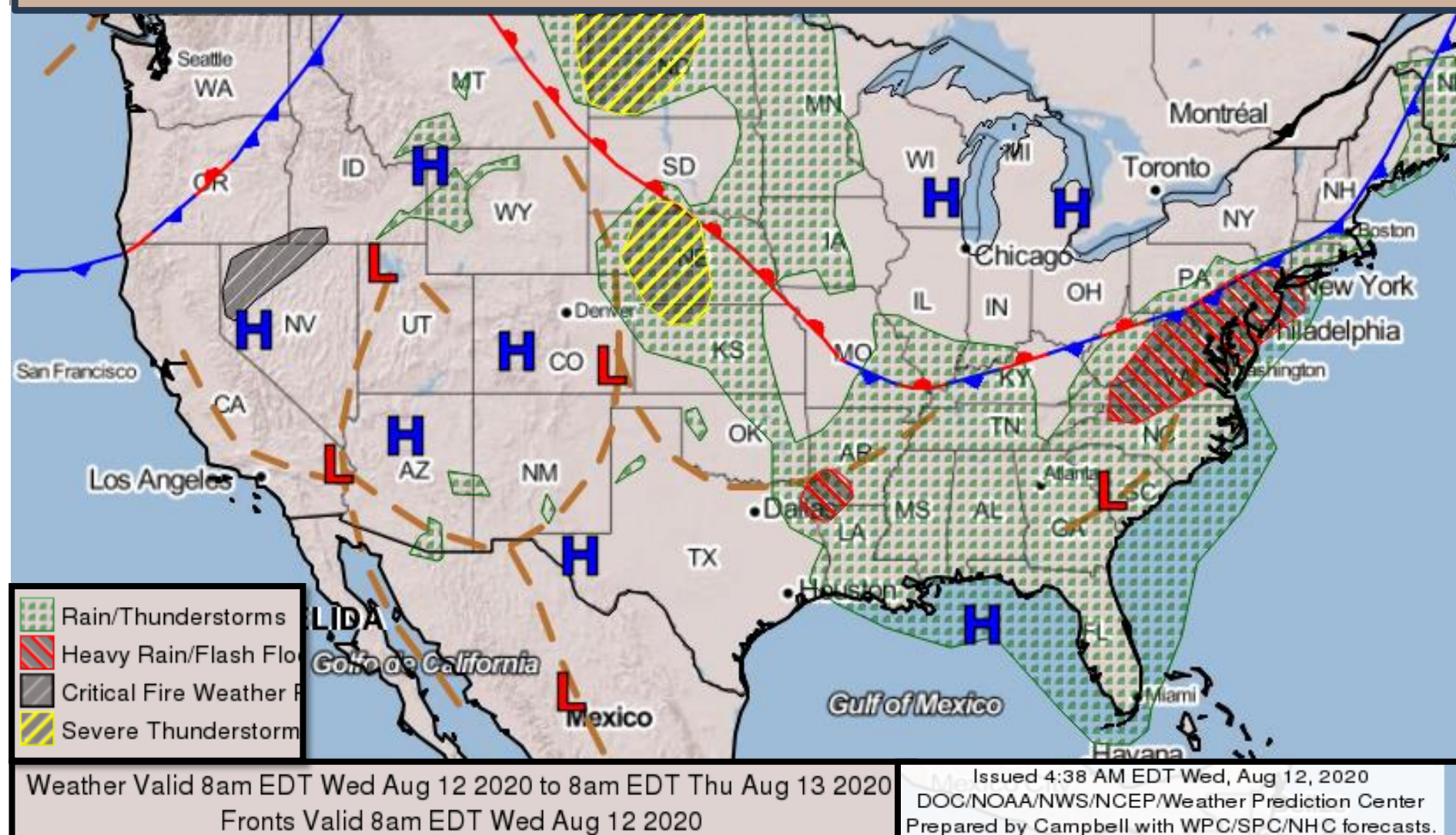


Today's Weather

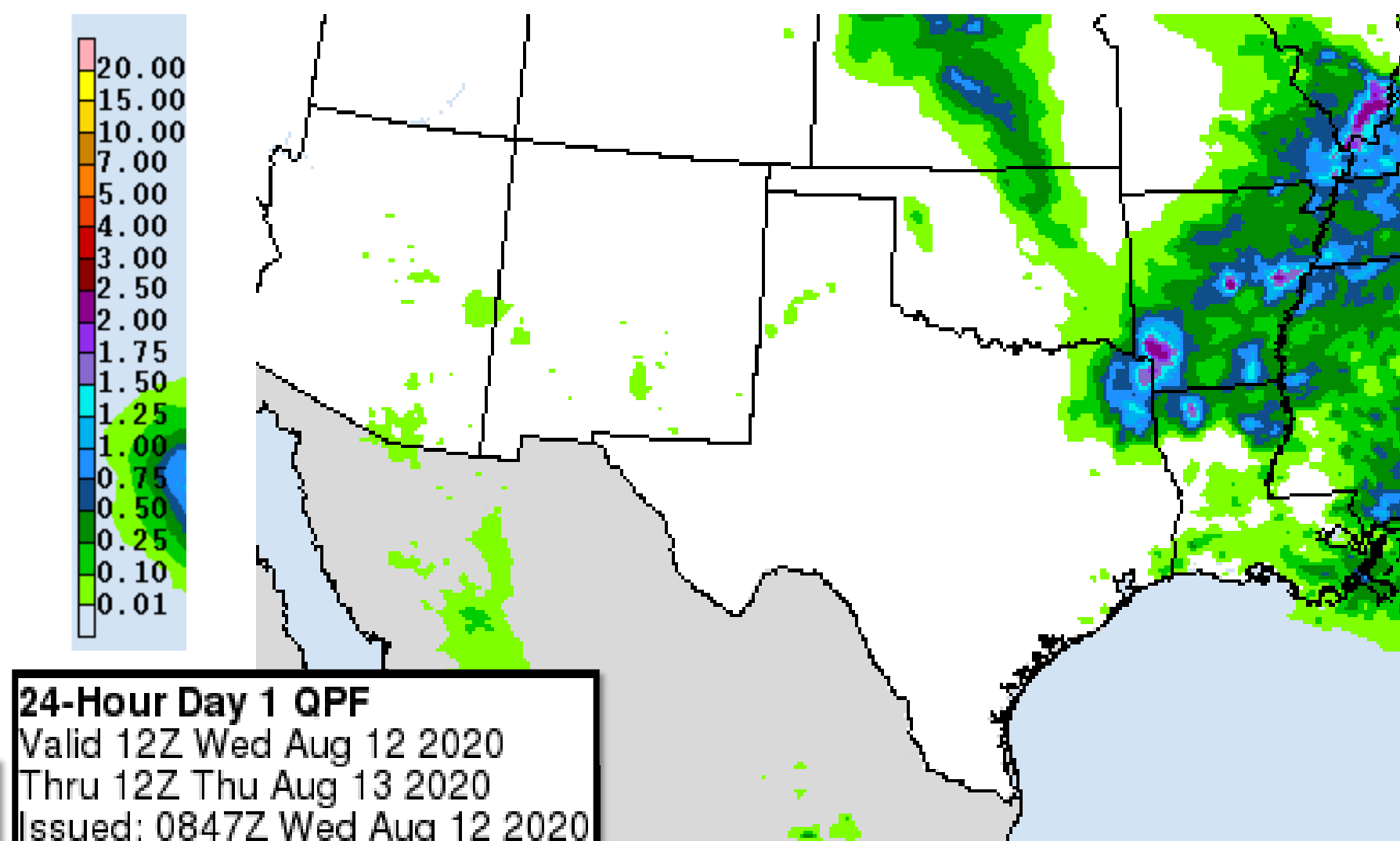


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Forecast Chart



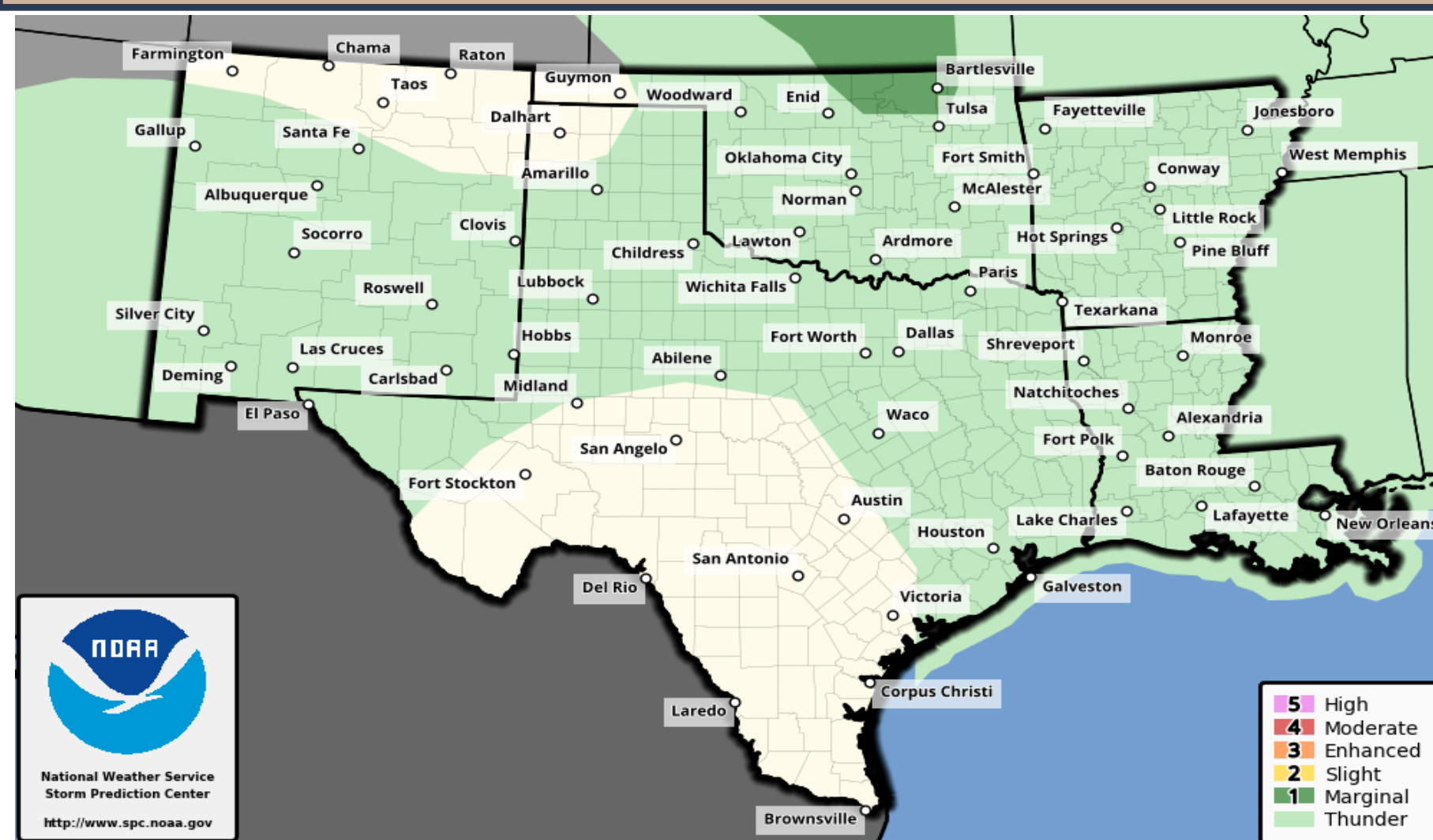
Forecast Rainfall



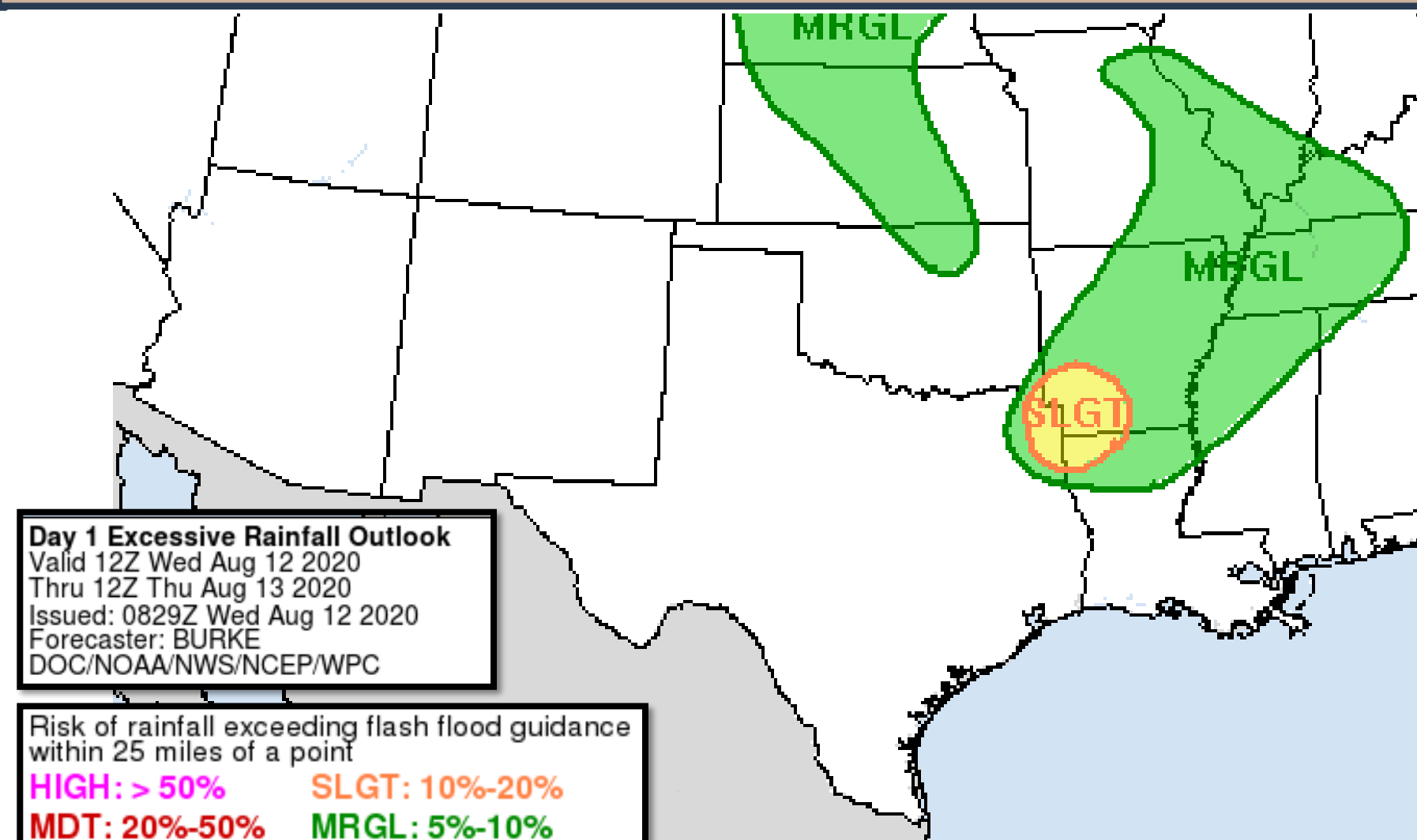
Isolated strong to severe storms for portions of N OK.

Isolated heavy rainfall and flash flooding across AR into NETX/N LA and for N OK.

Severe Weather Outlook



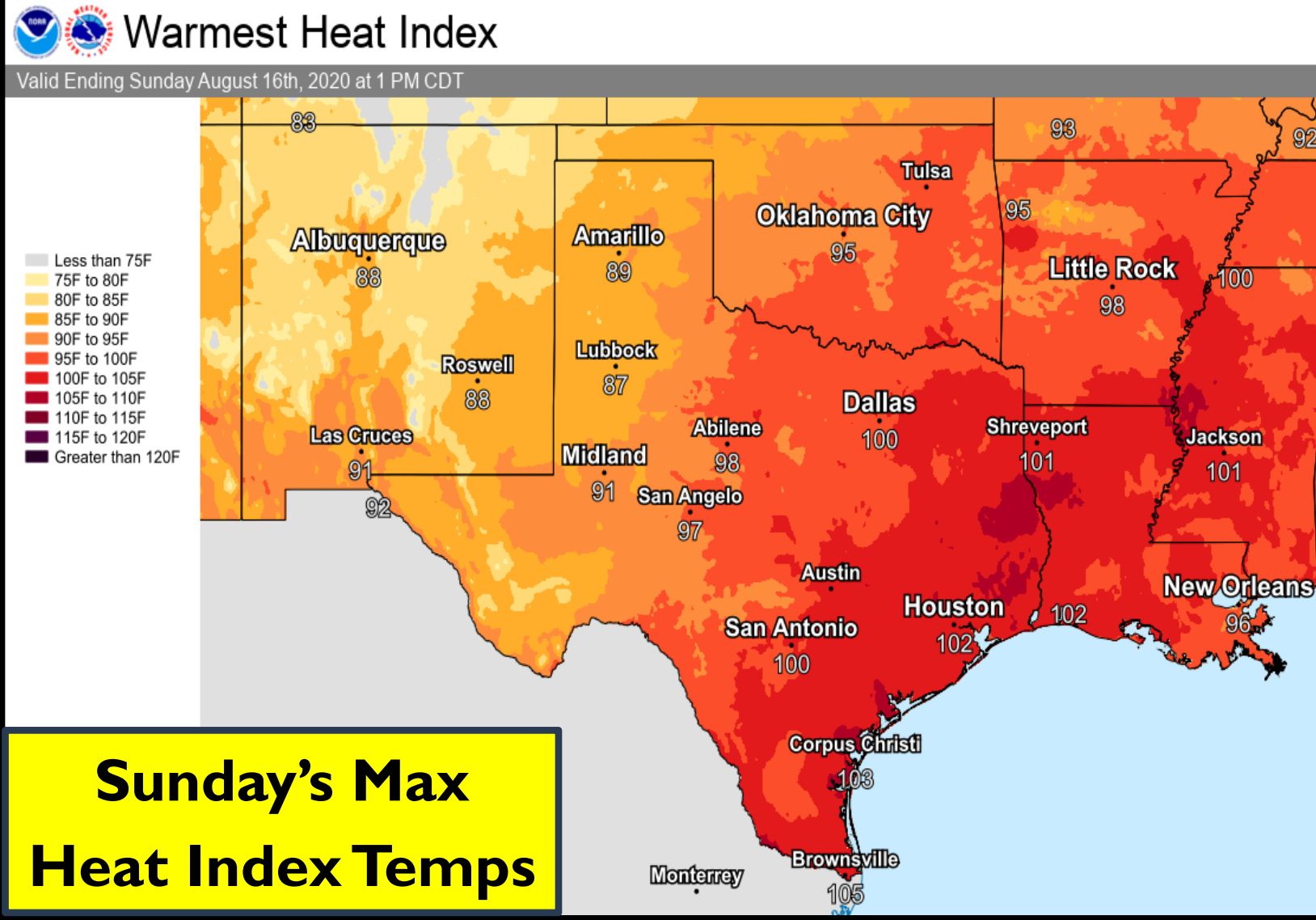
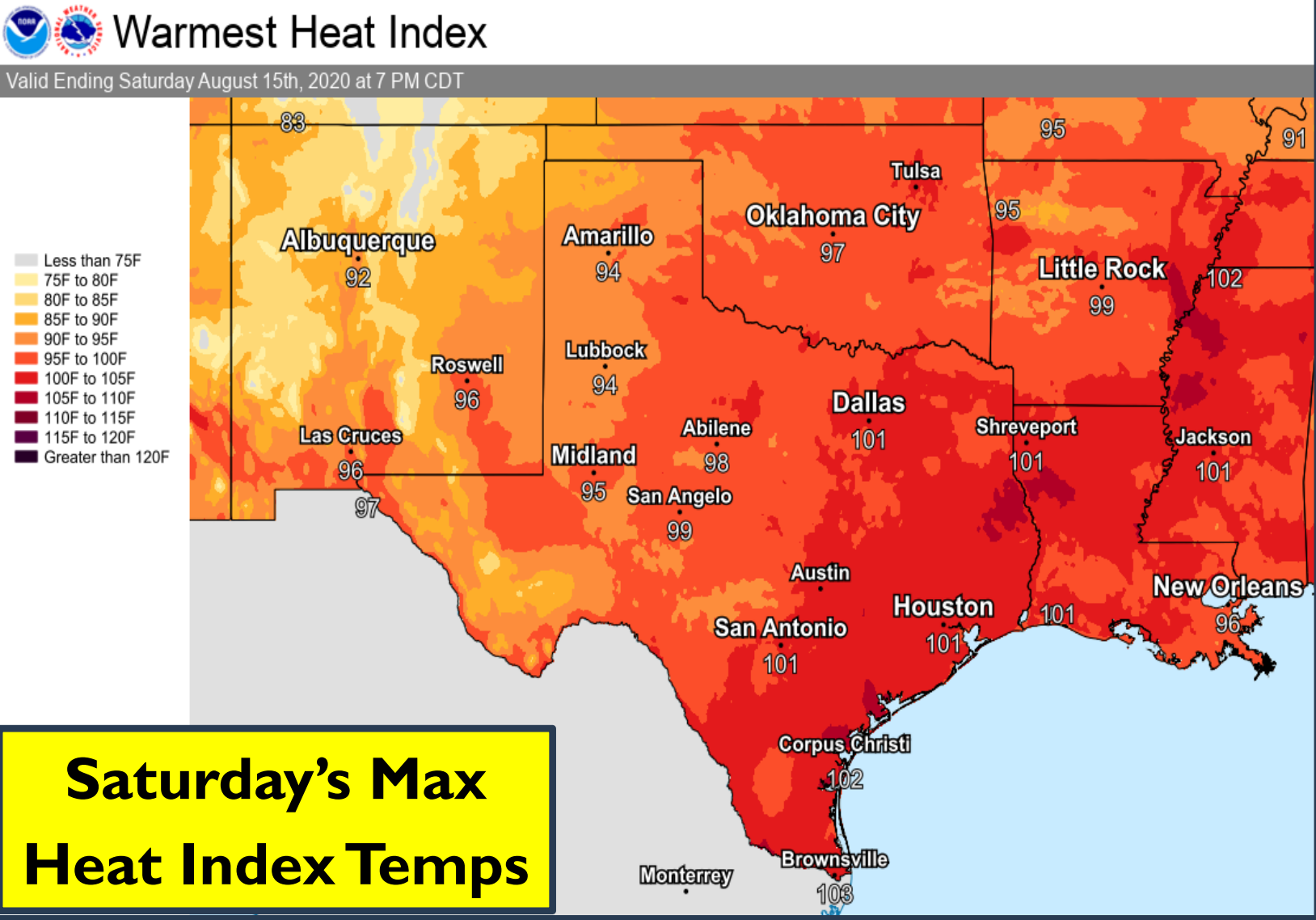
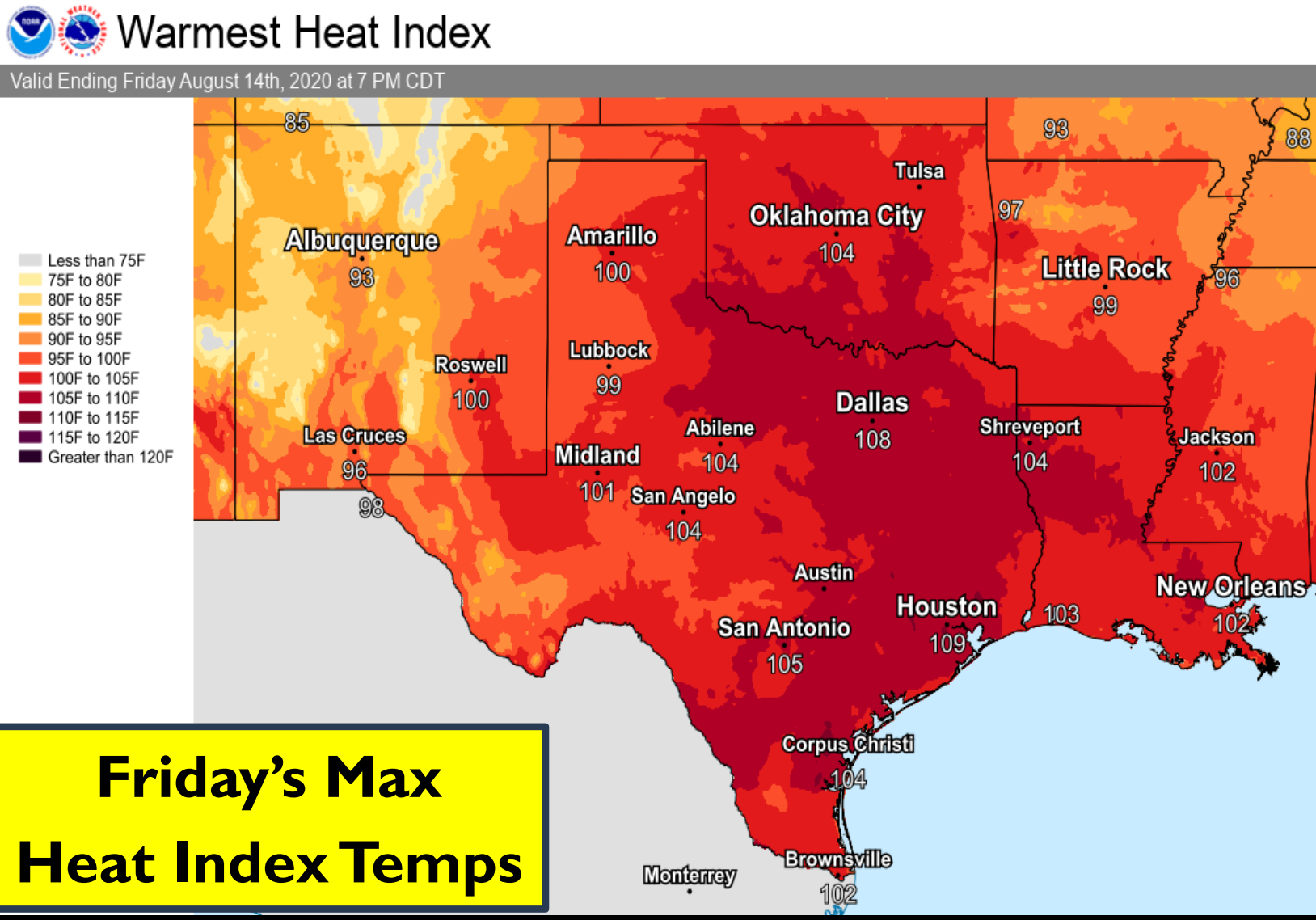
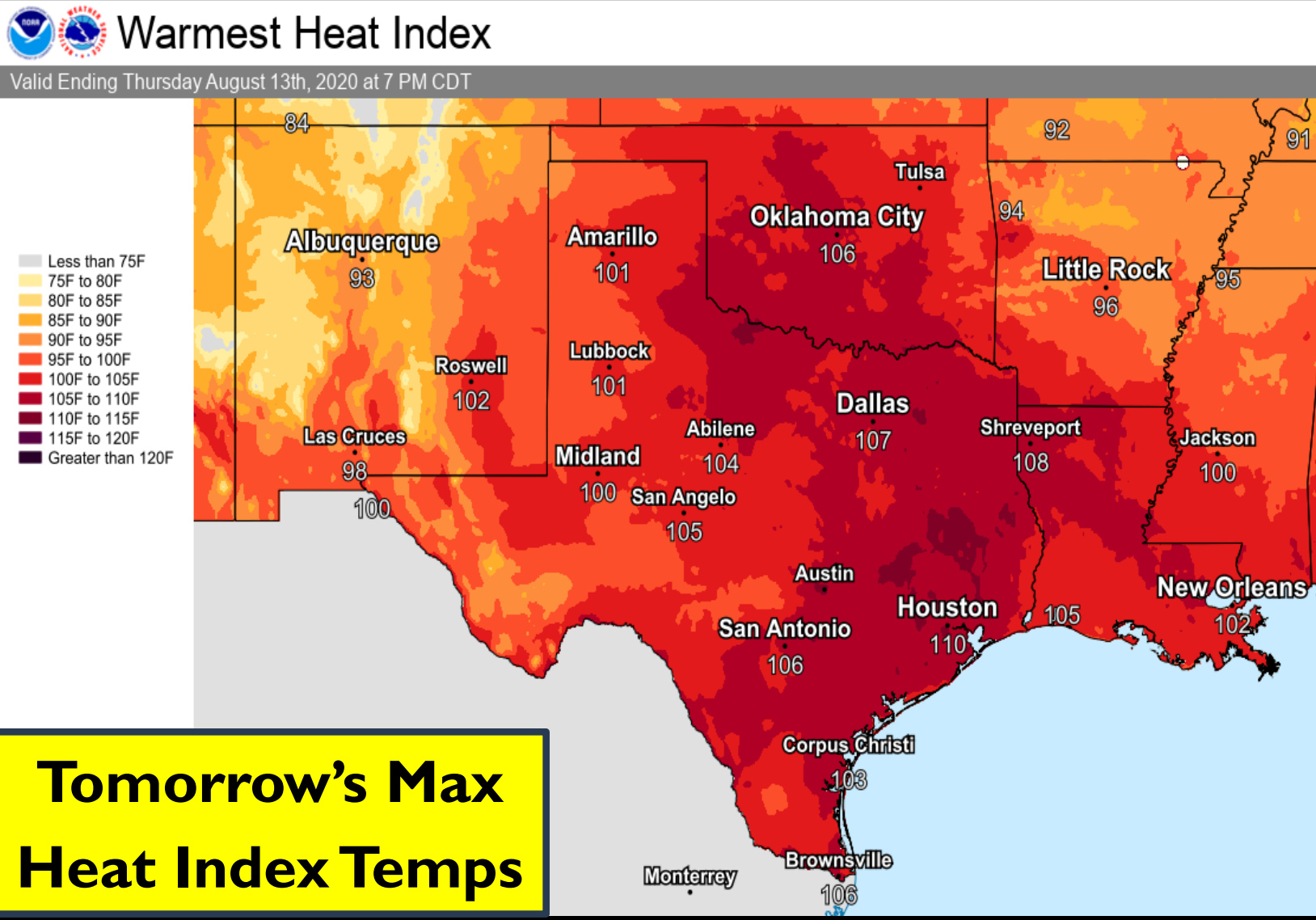
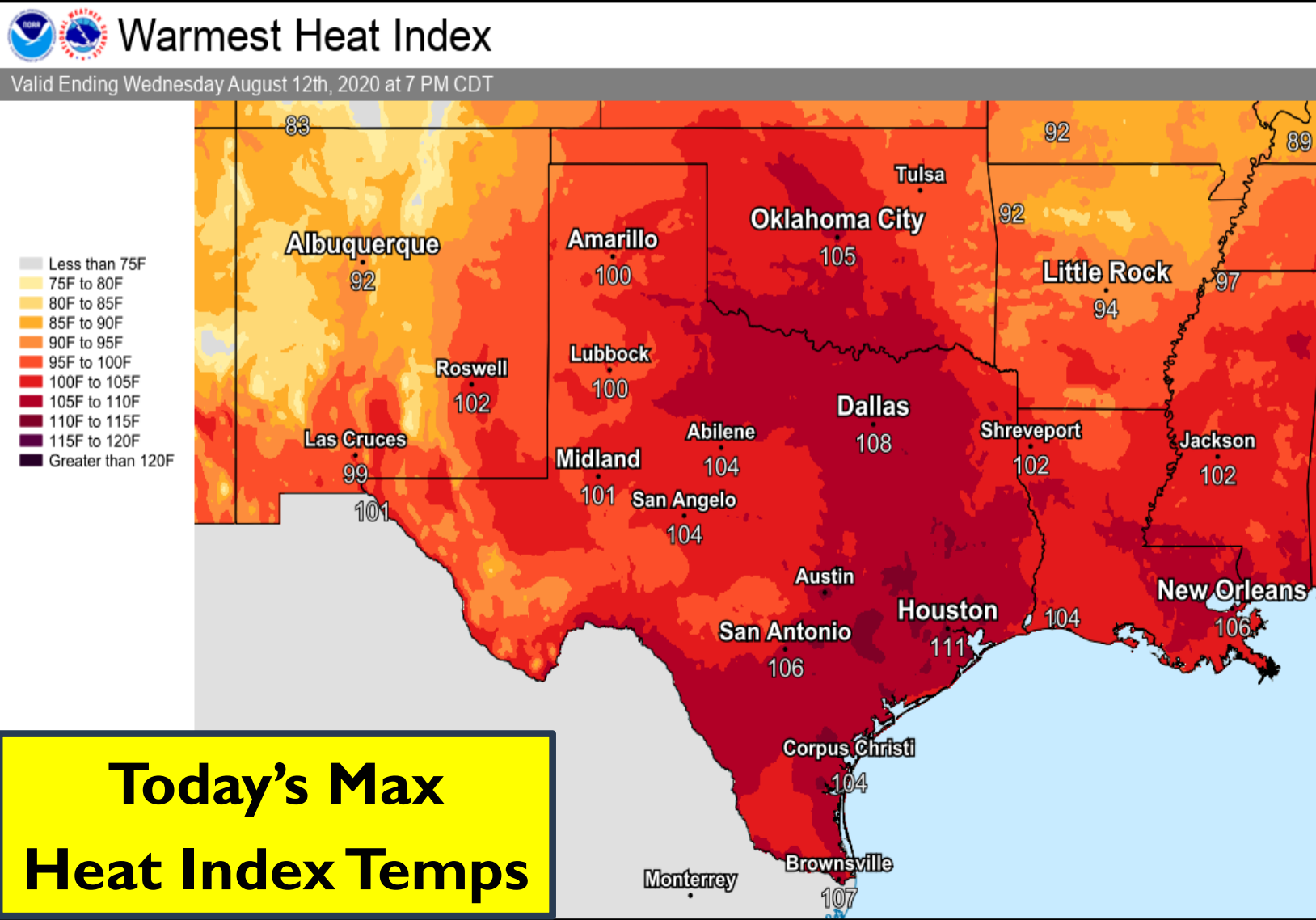
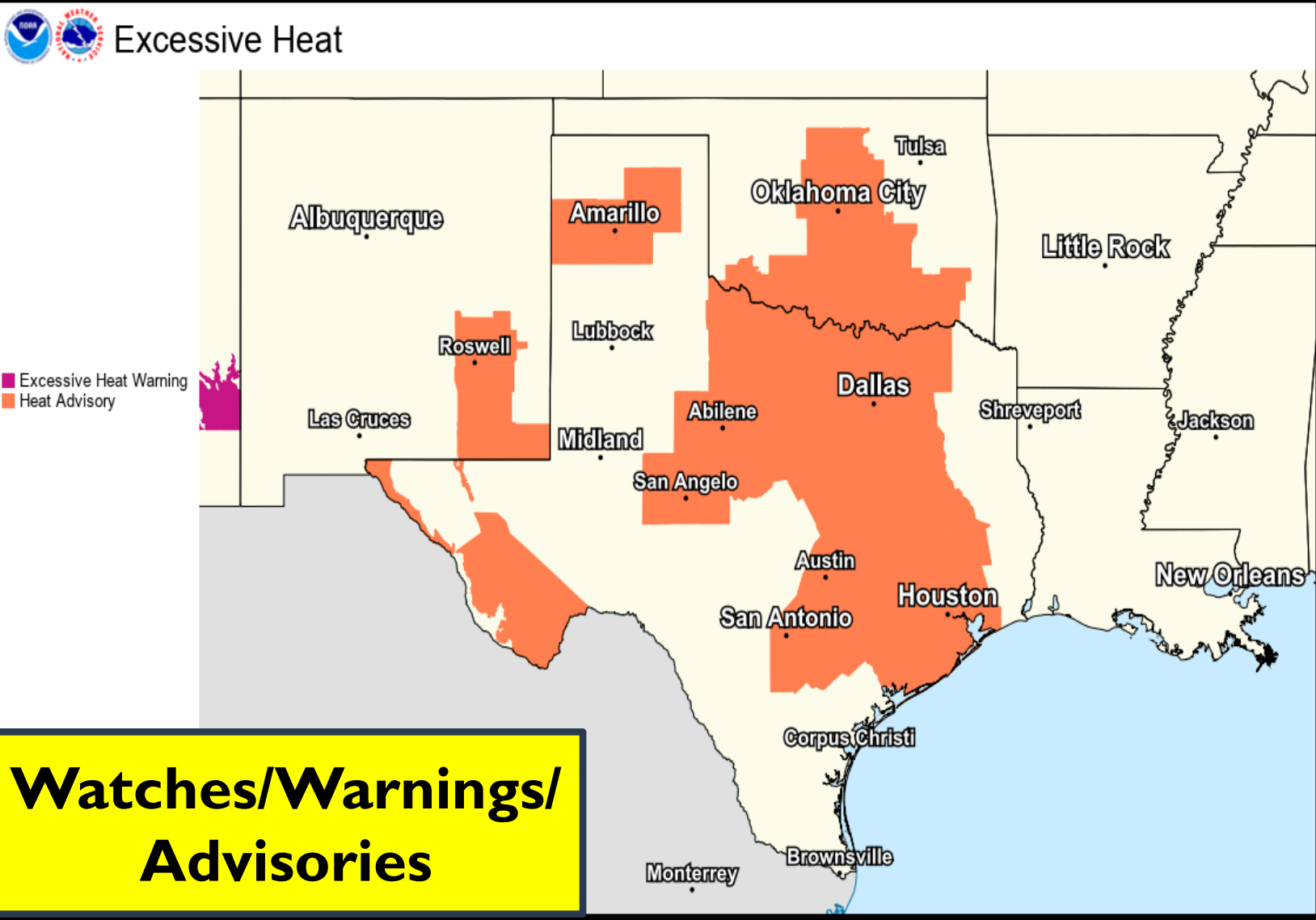
Excessive Rainfall Outlook



Excessive Heat Outlook



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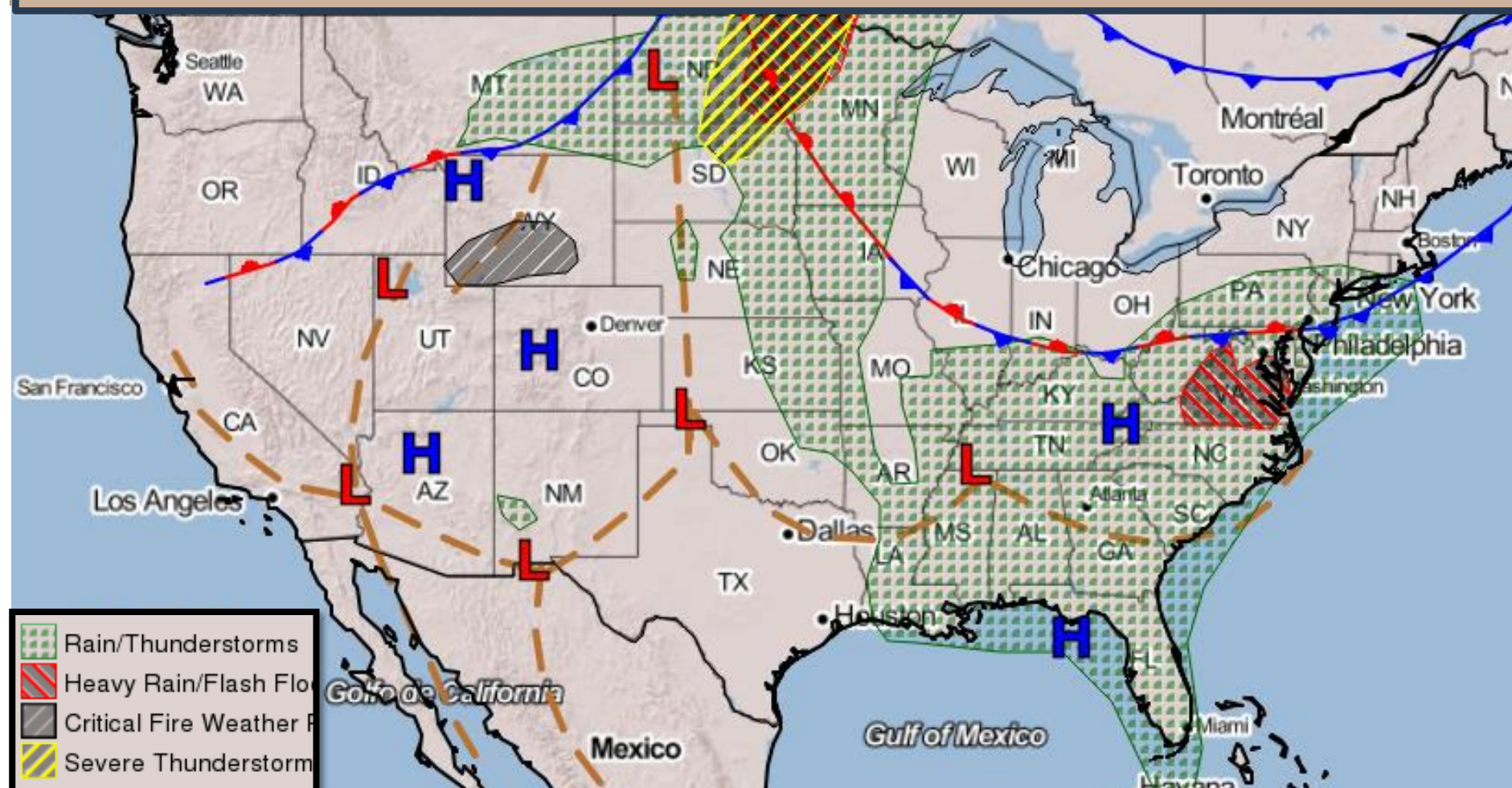


Tomorrow's Weather



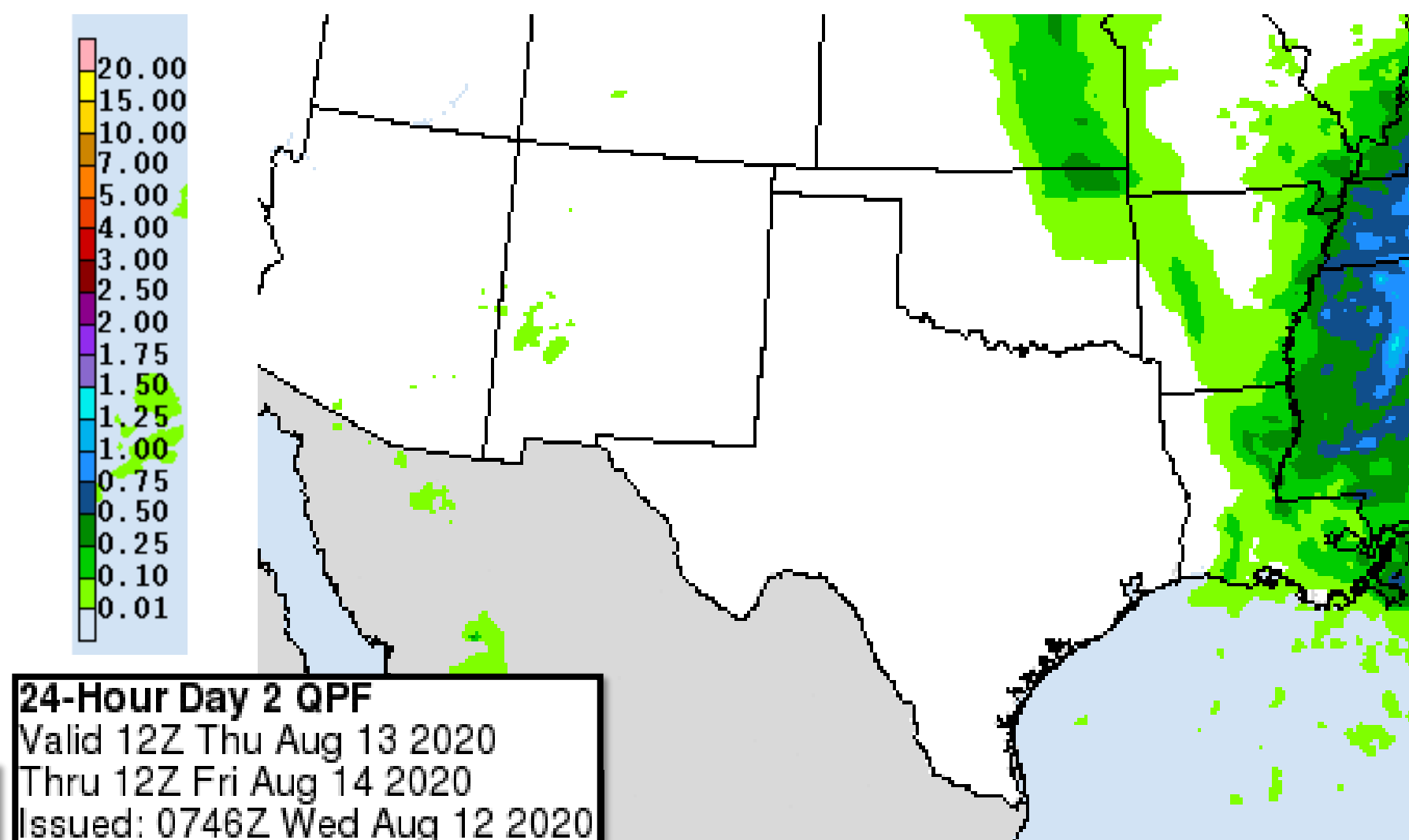
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Forecast Chart



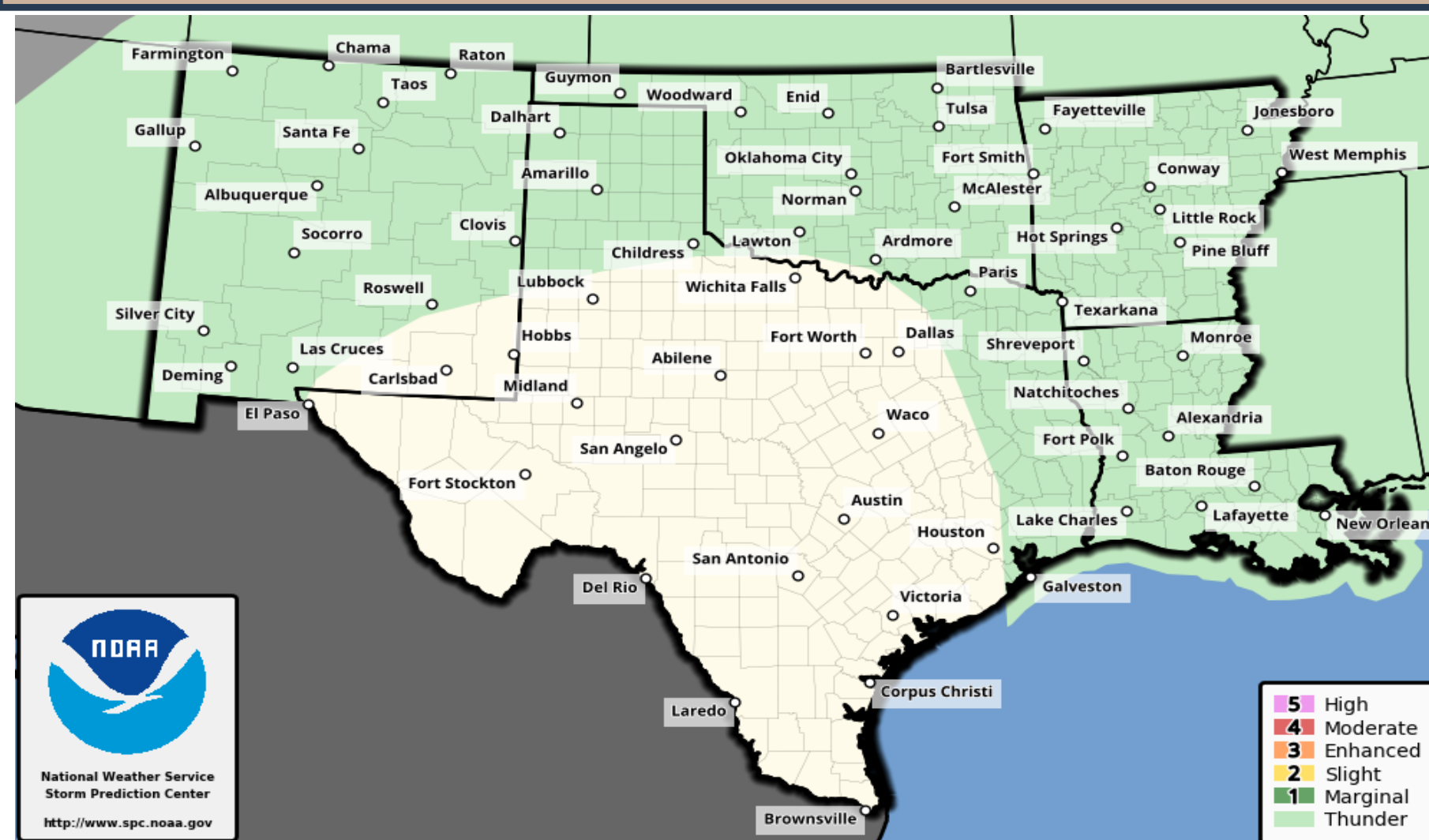
Weather Valid 8am EDT Thu Aug 13 2020 to 8am EDT Fri Aug 14 2020
Fronts Valid 8am EDT Thu Aug 13 2020
Issued 4:40 AM EDT Wed, Aug 12, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell with WPC/SPC/NHC forecasts.

Forecast Rainfall

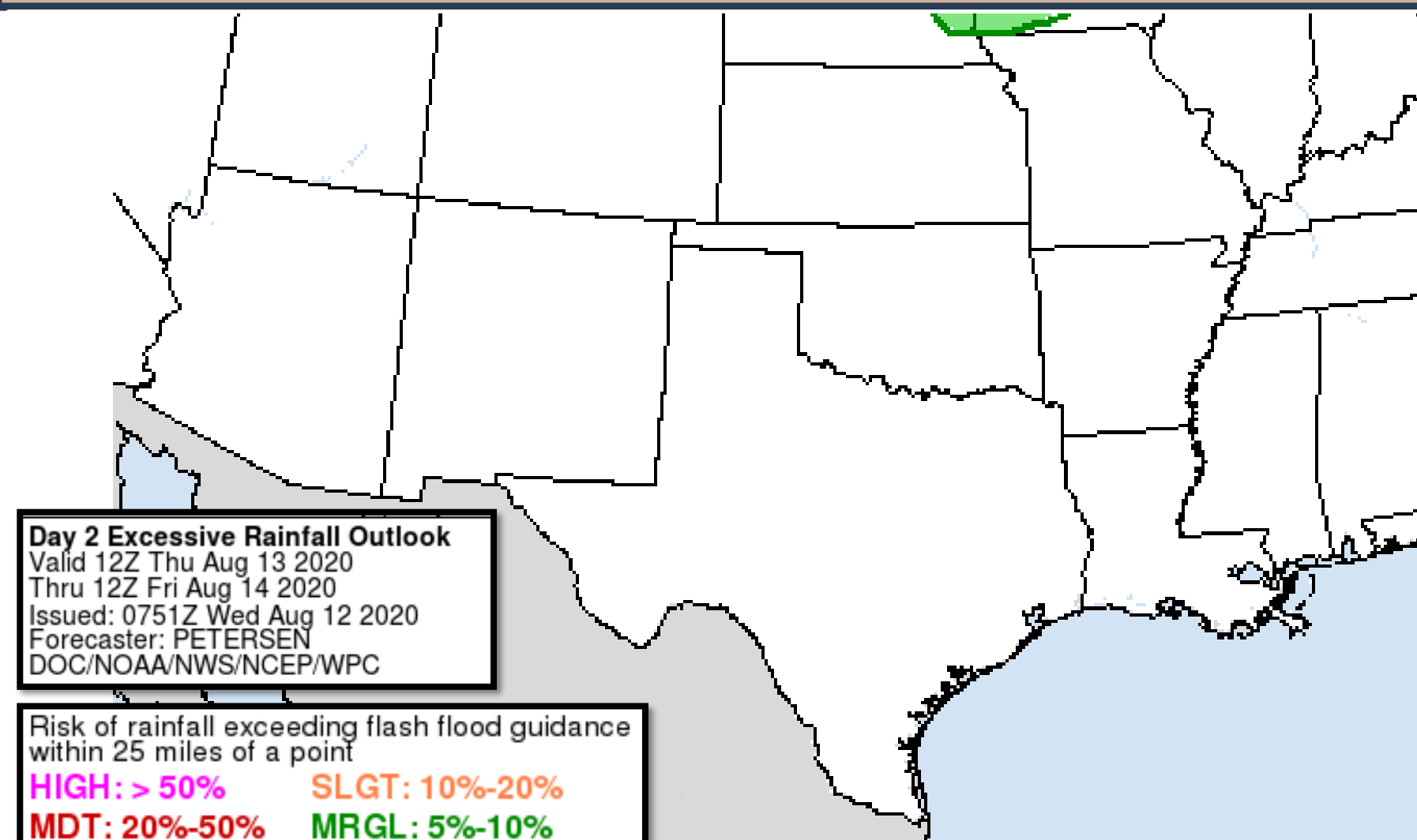


No significant weather
expected.

Severe Weather Outlook

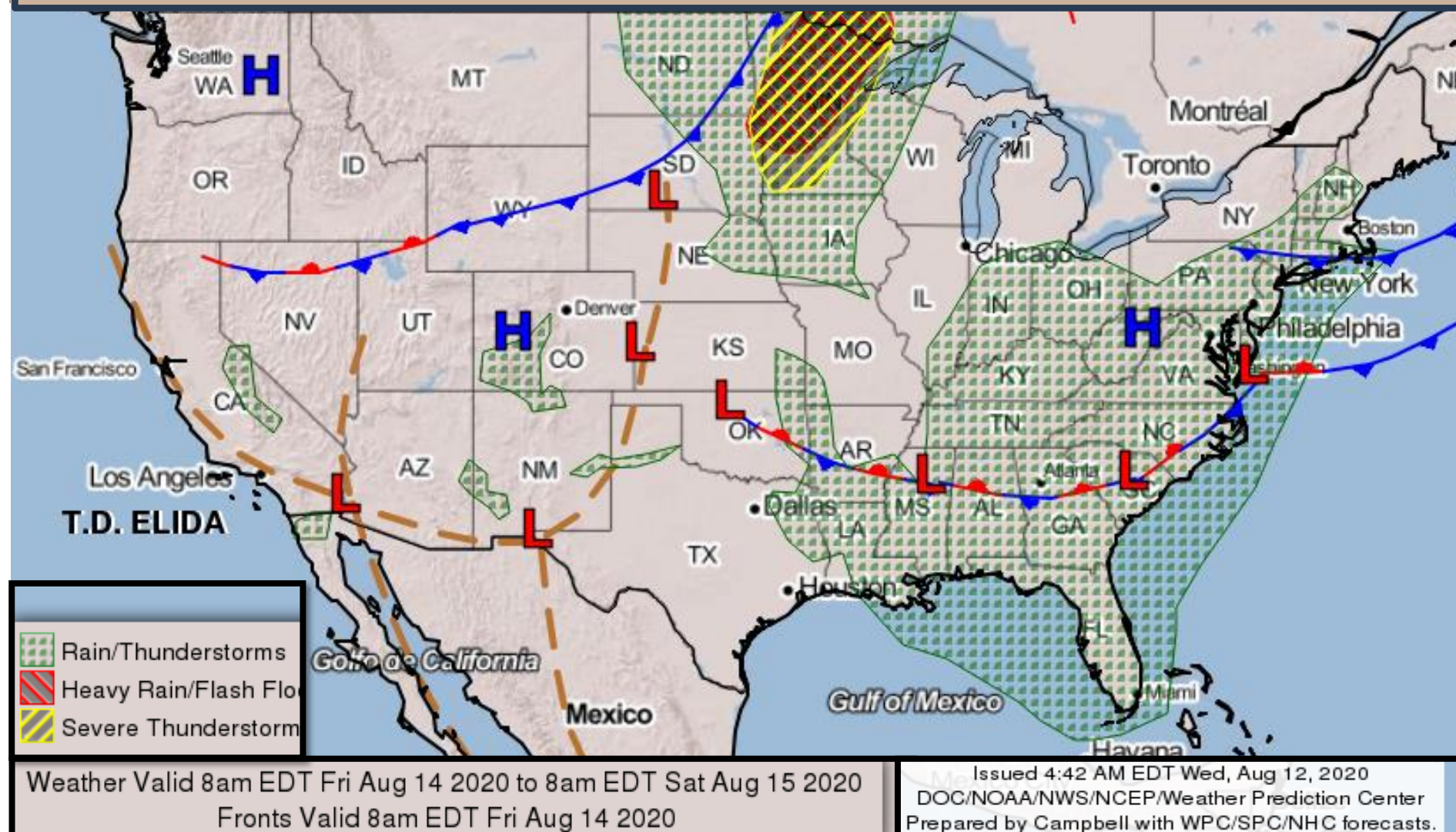


Excessive Rainfall Outlook

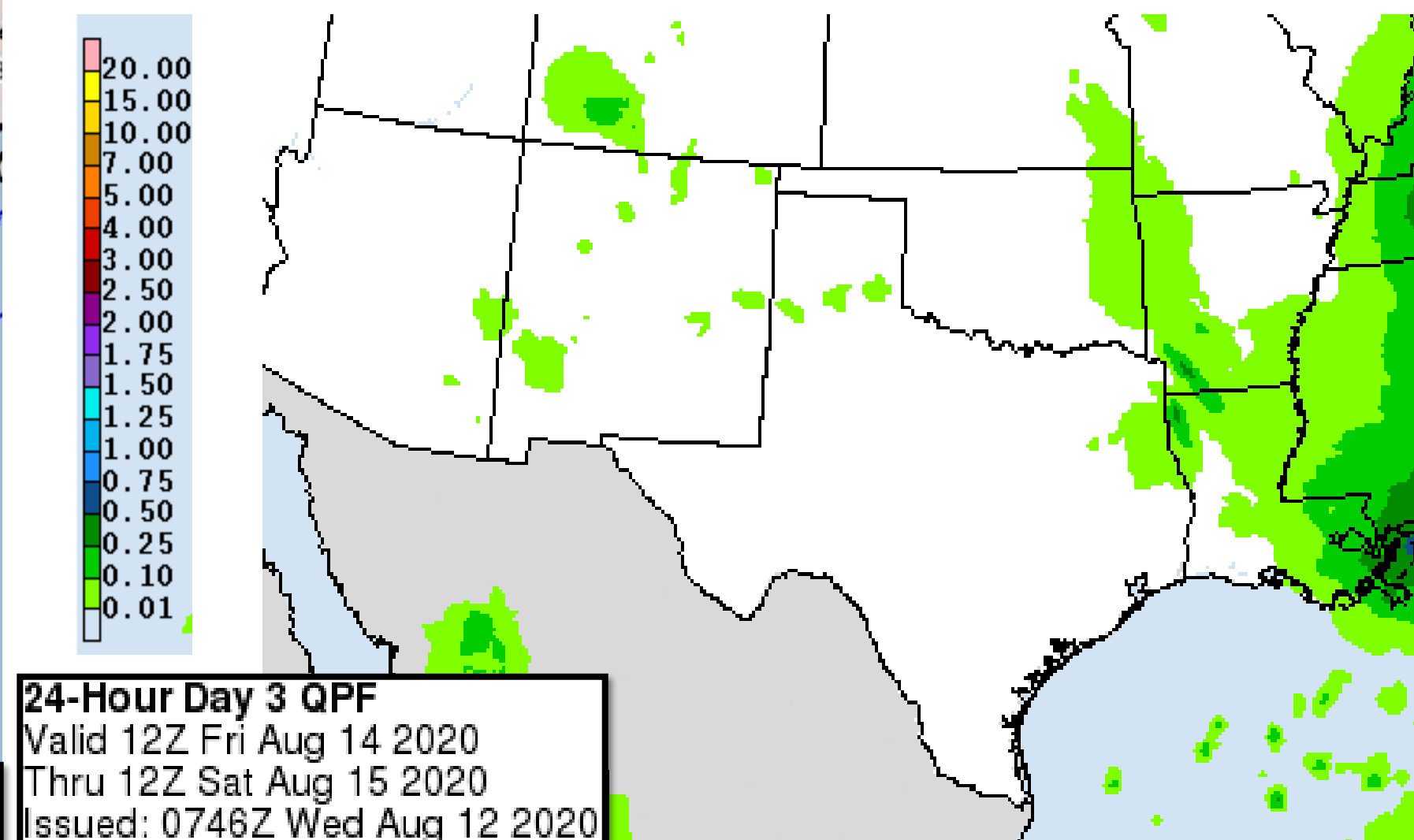


Friday's Weather

Forecast Chart



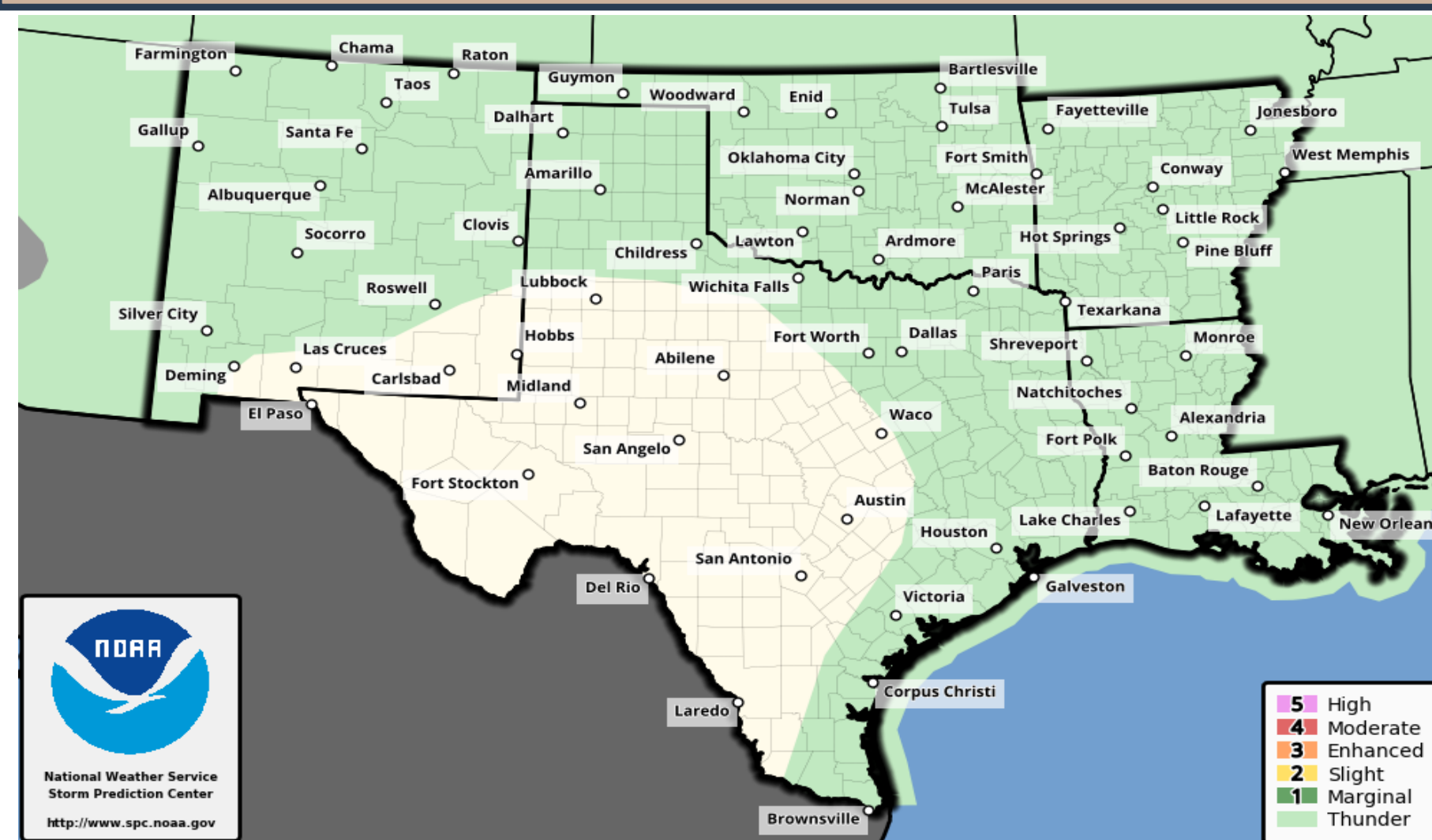
Forecast Rainfall



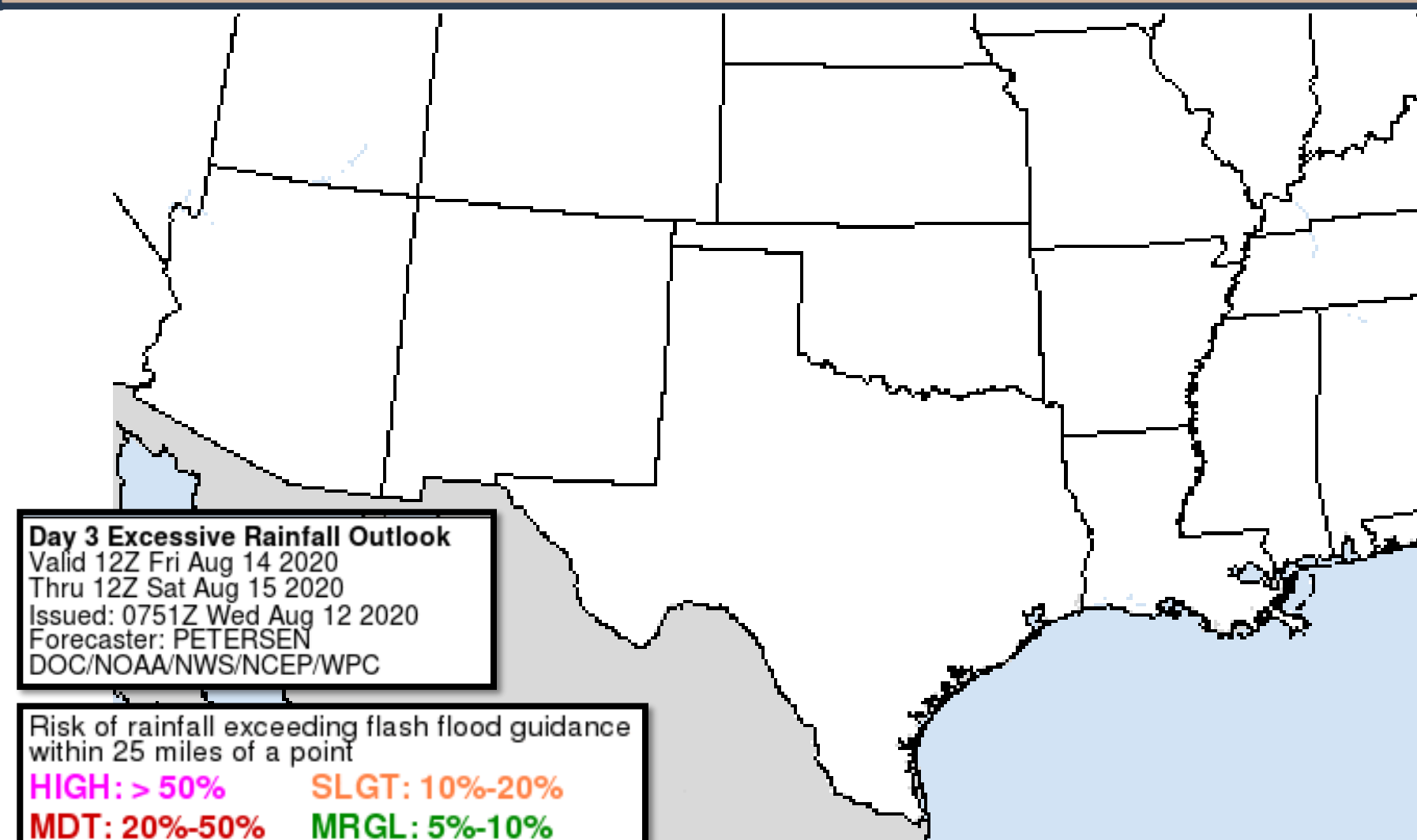
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Saturday - Sunday



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No significant weather expected.

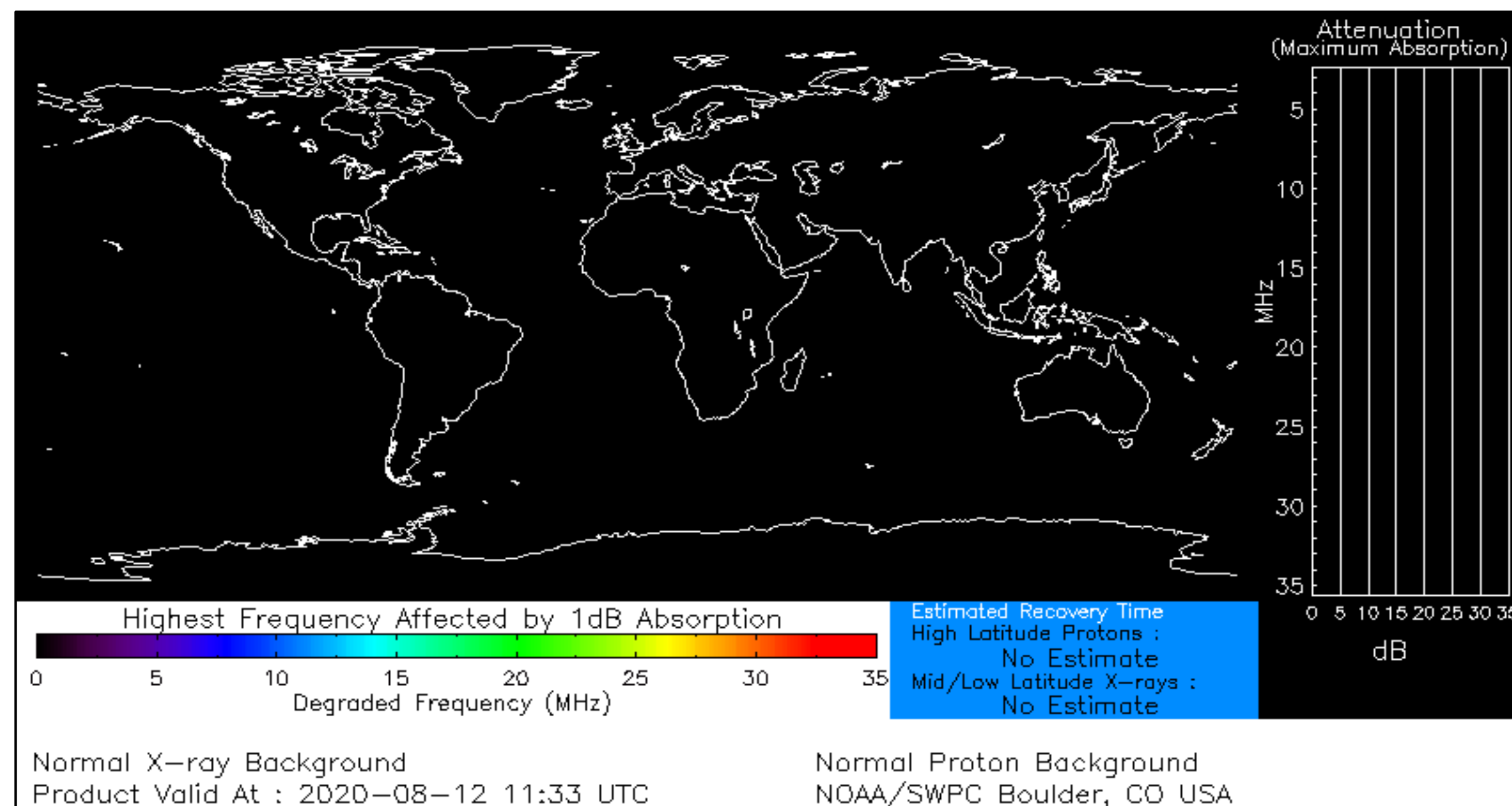


Space Weather 3-Day Forecast



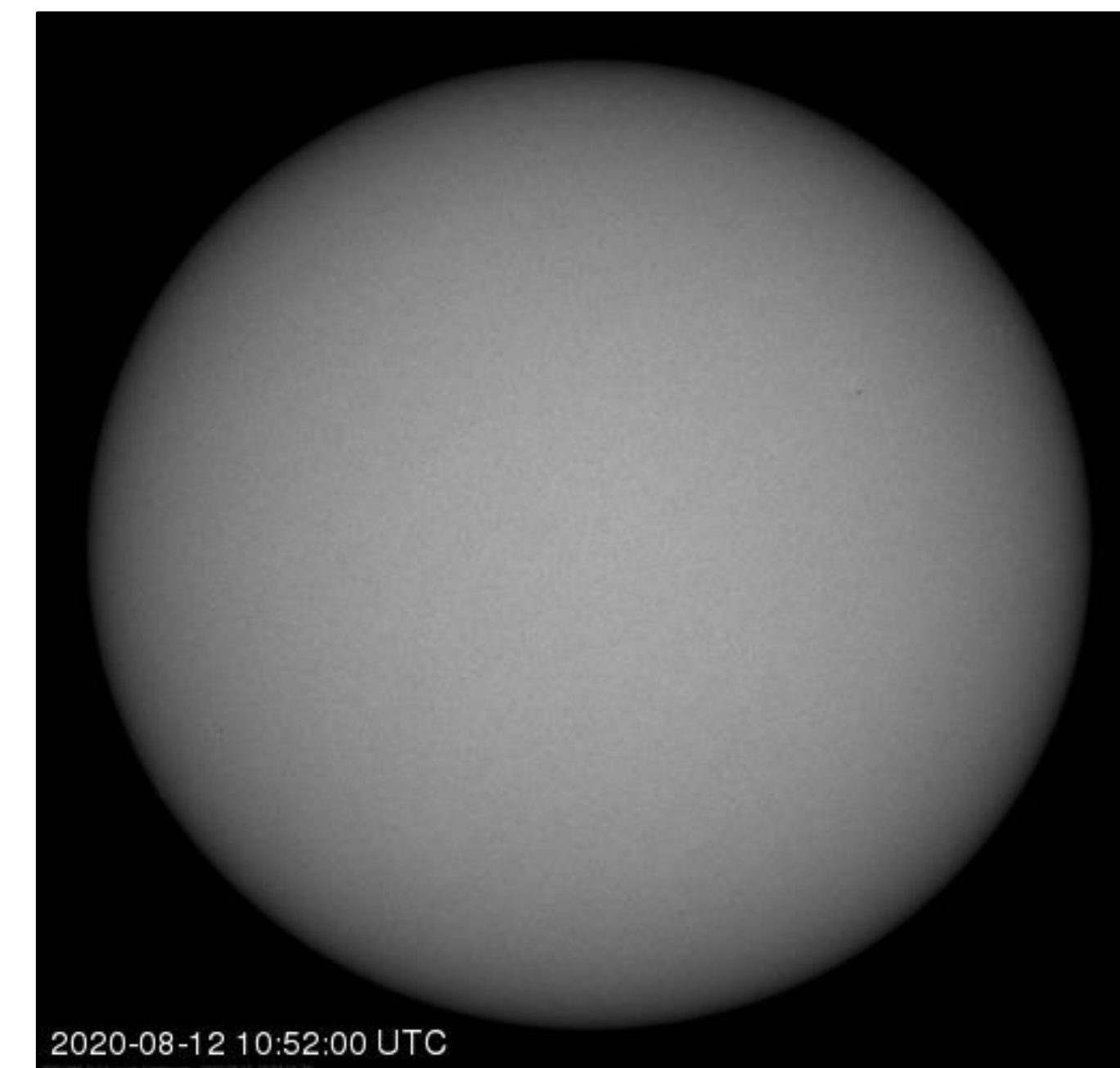
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov